

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Group Art Unit:

2736

ABID GHUMAN et al.

Examiner:

Unknown

Serial No.:

10/709,045

Filed:

April 8, 2004

For:

METHOD OF DESIGNING A VEHICLE

CLOSURE ASSEMBLY LINE

Attorney Docket No.: 81095799 / FMC 1664 PUS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents U.S. Patent & Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and § 1.97-1.98, the references listed and identified on the attached Forms PTO/SB08A and/or SB08B are being submitted herewith for consideration by the Examiner.

While this Statement is being filed in compliance with the duty of disclosure, citation of the attached references is not to be construed as an admission that any of the reference(s) are "material" as defined under 37 C.F.R. § 1.56(b).

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this paper, including all enclosures referred to herein, is being deposited with the United States Postal Service as first-class mail, postage pre-paid, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, U.S. Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on:

June 9, 2004

Date of Deposit

Matthew M. Mietzel Name of Person Signing

Atty Dkt No. 81095799 / FMC 1664 PUS

S/N: 10/709,045

4

If the filing date of this application is on or before June 30, 2003, a copy of each reference listed on the attached Forms PTO/SB08A and/or SB08B is included herewith. If this application was filed after June 30, 2003, copies of any cited U.S. patent/application references have not been included. Consideration and entry into the record of these references is respectfully requested.

Respectfully submitted,

Abid Ghuman et al.

Matthew M. Mietzel

Reg. No. 46,929

Attorney/Agent for Applicant

Date: June 9, 2004

BROOKS KUSHMAN P.C.

1000 Town Center, 22nd Floor Southfield, MI 48075-1238

Phone: 248-358-4400 Fax: 248-358-3351

PTO/SB/08A (10-96) [MODIFIED]
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

3

ibstitute for Form 1449A/PTO

1

Sheet

Complete if Known					
Application Number	10/709,045				
Filing Date	April 8, 2004				
First Named Inventor	Abid Ghuman et al.				
Group Art Unit	3726	•			
Examiner Name	Unknown				
Attorney Docket Number	81095799 /FMC1664PUS				

U.S. PATENT DOCUMENTS							
Cite No.1	U.S. PATENT D	OCUMENT Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	4,442,335		Rossi	04-10-1984			
	4,641,820		Gold et al.	02-10-1987			
	5,216,800.		Nishigori	06-08-1993			
	5,788,225		Iwata et al.	08-04-1998			
	6,073,325		Stark	06-13-2000			
	6,089,557		Obrist	06-18-2000			
	6,145,180		Kogai et al.	11-14-2000			
	6,360,421		Oatridge et al.	03-26-2002			
•	6,389,698		Malatier	05-21-2002			
	6,642,473		Stiers et al.	11-04-2003			
					•		
					,		
		Cite No.¹ Number 4,442,335 4,641,820 5,216,800. 5,788,225 6,073,325 6,089,557 6,145,180 6,360,421 6,389,698	No.¹ Number (if known) 4,442,335 4,641,820 5,216,800. 5,788,225 6,073,325 6,089,557 6,145,180 6,360,421 6,389,698	U.S. PATENT DOCUMENT Cite No.¹ Kind Code² (if known) Name of Patentee or Applicant of Cited Document 4,442,335 Rossi 4,641,820 Gold et al. 5,216,800 Nishigori 5,788,225 Iwata et al. 6,073,325 Stark 6,089,557 Obrist 6,145,180 Kogai et al. 6,360,421 Oatridge et al. 6,389,698 Malatier	U.S. PATENT DOCUMENT Name of Patentee or Applicant of Cited Document MM-DD-YYYY Cite No.1 Kind Code² (if known) Name of Patentee or Applicant of Cited Document of Cited Document MM-DD-YYYY August Augus		

	FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.1	Office ³	Foreign Patent Docui	ment Kind Code ⁵ (<i>if known</i>)		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		JР	2-220783		Ohara KK	09-03-1990			
		JР	4-84694		Japan	03-17-1992			
		EP	1 225 003	A2	Progressive Tool	12-19-2001			
		EP	0 133 456	A2	Rolf Kölblin	05-18-1984			
		EP	0 003 024	B1	Maschinenfabrik	12-07-1978			
		EP	0 044 565	B1	Kearney & Trecker	07-21-1981			
		EP	0 446 518	A1	Kaczmarek, James	09-11-1990			
		EP	0 346 816	B1	Nissan Motor Co.	06-12-1989			
		WO	00/43845		ABB Research Ltd.	11-16-1999			

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-96) [MODIFIED] Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known PIENT & TRANS itute for Form 1449A/PTO **Application Number** 10/709,045 INFORMATION DISCLOSURE April 8, 2004 Filing Date STATEMENT BY APPLICANT **First Named Inventor** Abid Ghuman et al. 3726 **Group Art Unit** (use as many sheets as necessary) Unknown **Examiner Name** Attorney Docket Number 81095799 /FMC1664PUS 2 3 of Sheet

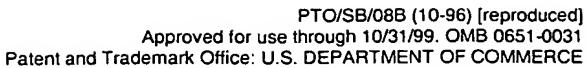
	U.S. PATENT DOCUMENTS					
		U.S. PATENT	DOCUMENT		Date of Publication of	
Examiner Initials	Cite No.¹	Number	Kind Code ² (<i>if known</i>)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
					· · · · · · · · · · · · · · · · · · ·	
						
						
		<u> </u>				
						
		•				
				<u> </u>		
	_					

			F	OREIGN P	ATENT DOCUMEN	ITS		
Examiner Initials	Cite No.1	Office ³	Foreign Patent Doc	ument Kind Code⁵ (<i>if known</i>)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		WO	86/07554		Germany			
	-	EP	0 289 834	B1	Dorries Scharmann	04-15-1988		
· · · ·		EP	0 318 965	B1	Maschinenbau Grie	11-30-1988		
		EP	1 225 121	A2	Progressive Tool	01-03-2002		
		JР	57 083328	A2	Nissan Motor Co.	05-25-1982		
		EP	0166 558	B1	Cin. Milacron Inc.	01-02-1986		
		EP	0 203 170	B1	Aktiengesellschaft	03-12-1986		
		JР	55155006		Nissan Motor Co	11-04-1980		
							1	

Examiner	Date
Signature	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



Complete if Known tute for Form 1449B/PTO 10/708,817 **Application Number** INFORMATION DISCLOSURE March 26, 2004 Filing Date STATEMENT BY APPLICANT First Named Inventor Abid Ghuman et al. **Group Art Unit** 2121 (use as many sheets as necessary) Unknown Examiner Name Sheet 3 202-1171&1172 (FMC1627PUS) of **Attorney Docket Number** 3 OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Examiner T 2 publisher, city and/or country where published. Initials Cite No.1 Hans Kurt Toenschoff; Axel Schnuelle, High Productive And Reconfigurable Manufacturing Systems (HIPARMS) C. Jarvis, Cell Technology and Flexible Manufacturing Systems, http://sol.brunel.ac.uk/~jarvis/bola/jit/cellsfms.html Alliance Introduces New Line of Modular Manufacturing Systems, www.allianceauto.com/news3,1.html Spring 1996 Models for Specification and Control of Flexible Manufacturing Systems, www.cs.chalmers.se/~andreass/cfms/Bilder_fran_Lulea/index. html 3/27/97 Gary S. Vasilash, Honda's Hat Trick, Automotive Design Production, www.autofieldguide.com/articles/article_print.cfm An American in Graz, Daimler Chrysler Totally Integrated Automotive Special 2000 John Sprovieri, The Perils and Profits of Assembly Cells -Assembly, Business News Publishing Company, July, 2002 James V. Higgins, The Detroit News, Honda Continues to Fine Tune the Art of Automobile Making, 7/28/02

		
Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.